

## Figures

28 pages of color drawings  
(three sets enclosed)

FIGURE 1. HYDROGEN THERMOLYSIS REACTOR AND HYBRID GAS-FIRED TURBINE ENGINE/STEAM TURBINE ENGINE (THE PREFERRED EMBODIMENT OF THE INVENTION)

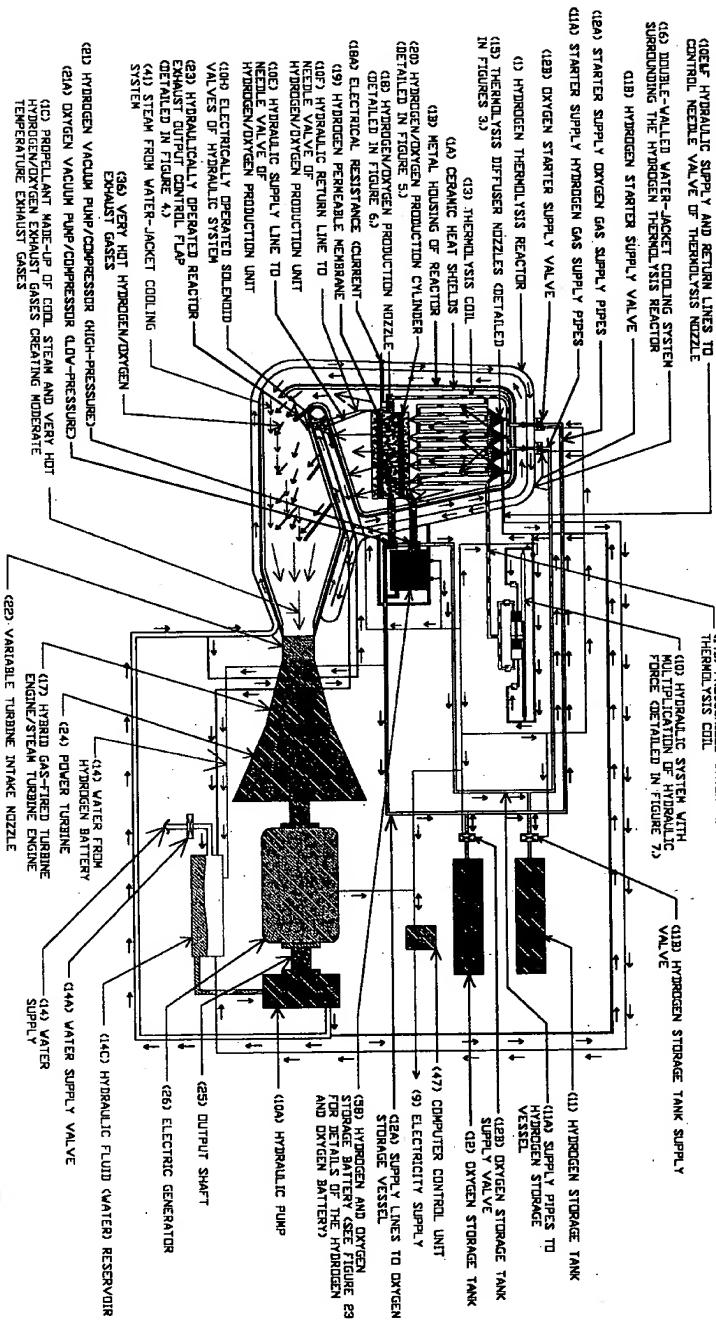


FIGURE 2. HYDROGEN THERMOLYSIS DIFFUSER NOZZLE USING ELECTRIC CURRENT RESISTANCE HEATING AND AN ELECTRIC ARC TO HEAT/IGNITE HYDROGEN/OXYGEN FUEL PLASMA

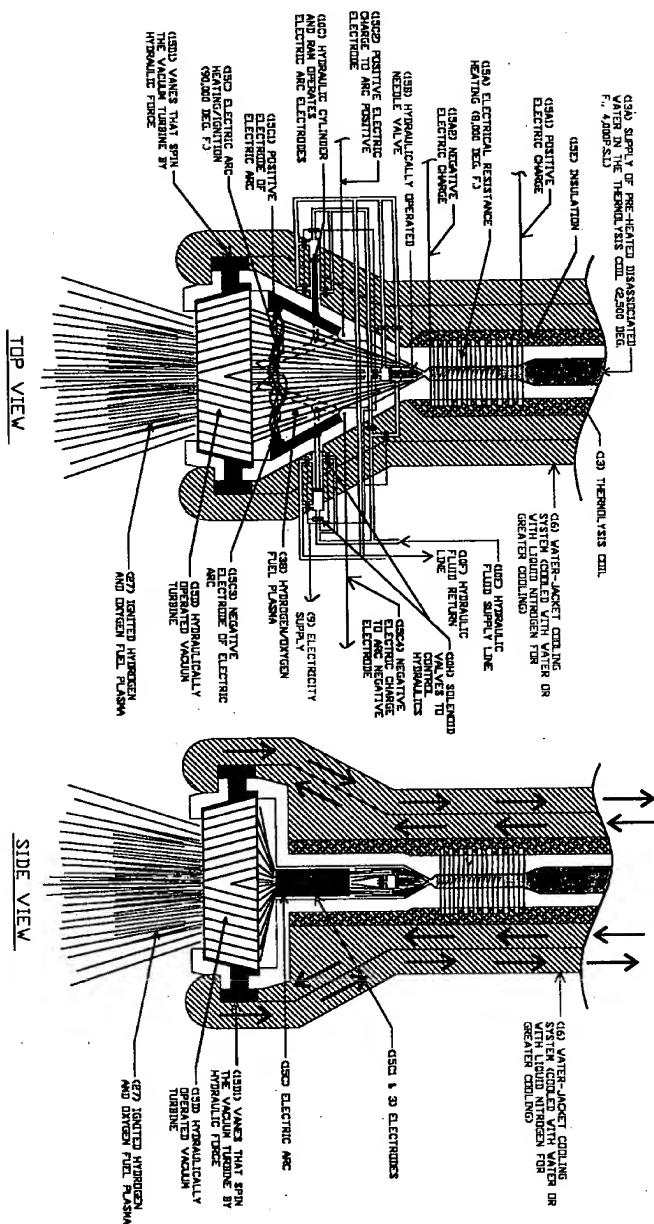


FIGURE 3. HYDROGEN THERMOLYSIS DIFFUSER NOZZLE USING MASERS TO HEAT THE PRESSURIZED WATER AND LASERS TO HEAT/IGNITE THE HYDROGEN/OXYGEN FUEL PLASMA

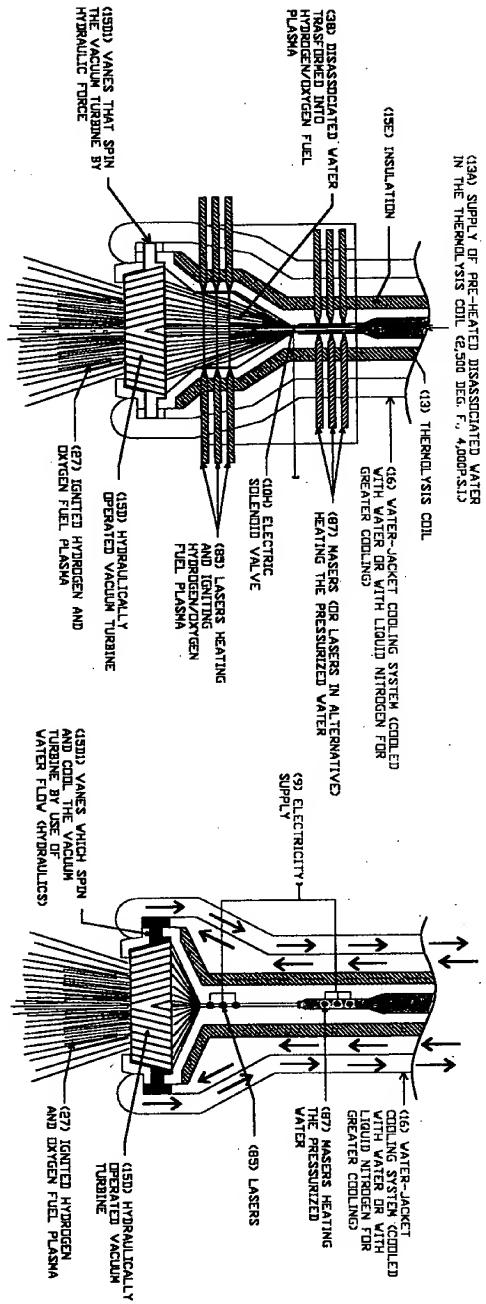
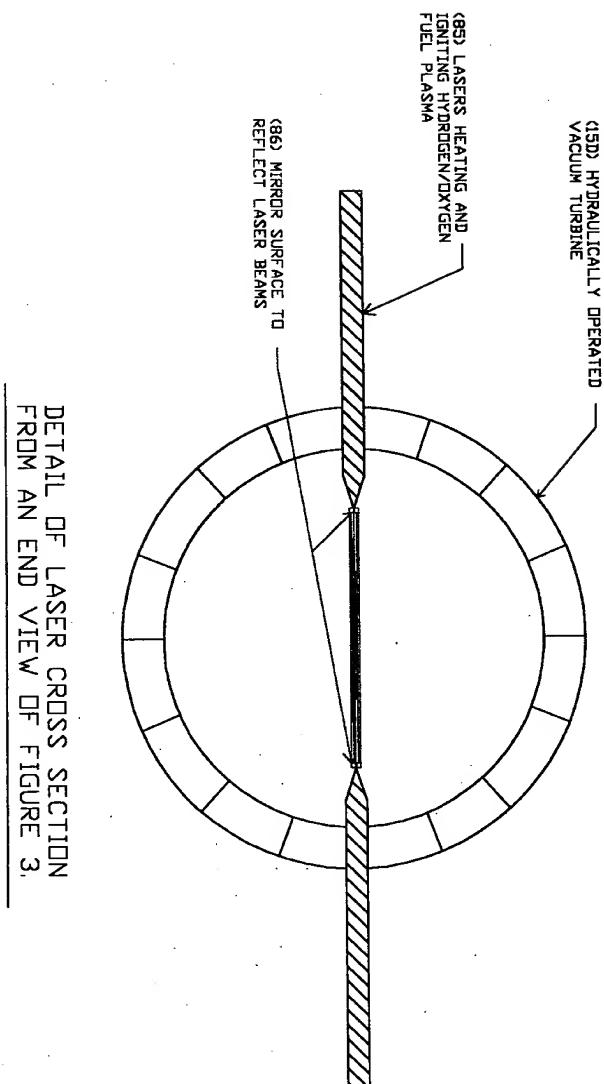


FIGURE 3A. DETAIL OF LASERS HEATING/IGNITING  
THE HYDROGEN/OXYGEN FUEL PLASMA



DETAIL OF LASER CROSS SECTION  
FROM AN END VIEW OF FIGURE 3.

FIGURE 4. DETAIL OF HYDRAULICALLY OPERATED REACTOR EXHAUST OUTPUT CONTROL VALVE (FLAP) TO MAINTAIN HEAT IN THE HYDROGEN THERMOLYSIS REACTOR

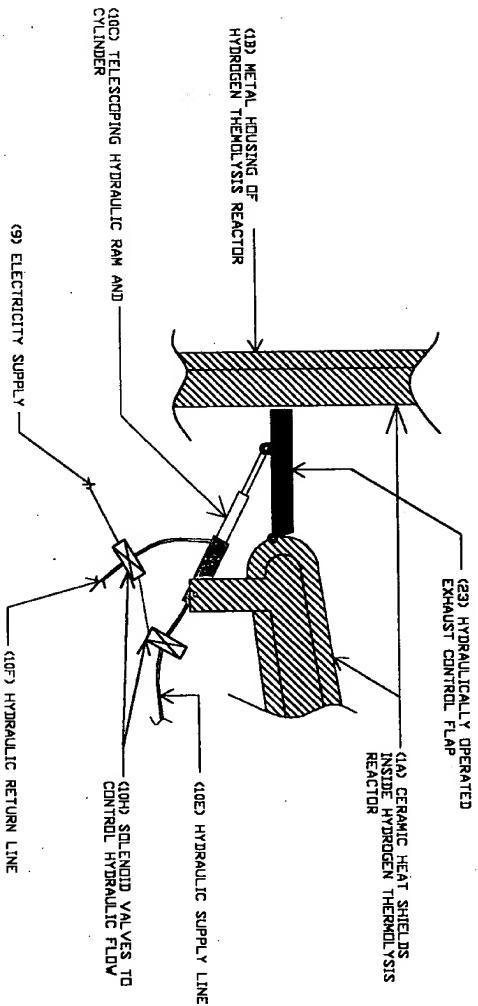


FIGURE 5. DETAIL OF HYDROGEN THERMOLYSIS REACTOR CORE AND HYDROGEN/OXYGEN PRODUCTION CYLINDER

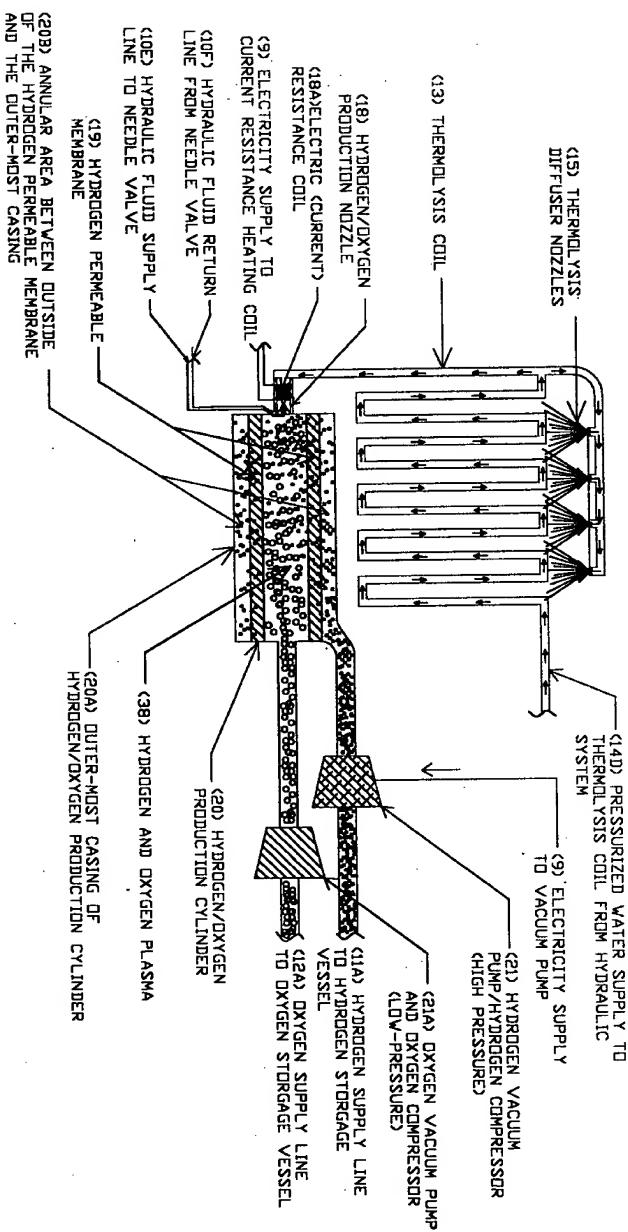


FIGURE 6. DETAIL OF HYDROGEN/OXYGEN PRODUCTION NOZZLE USING ELECTRIC RESISTANCE HEATING AND A HYDRAULICALLY OPERATED NEEDLE VALVE

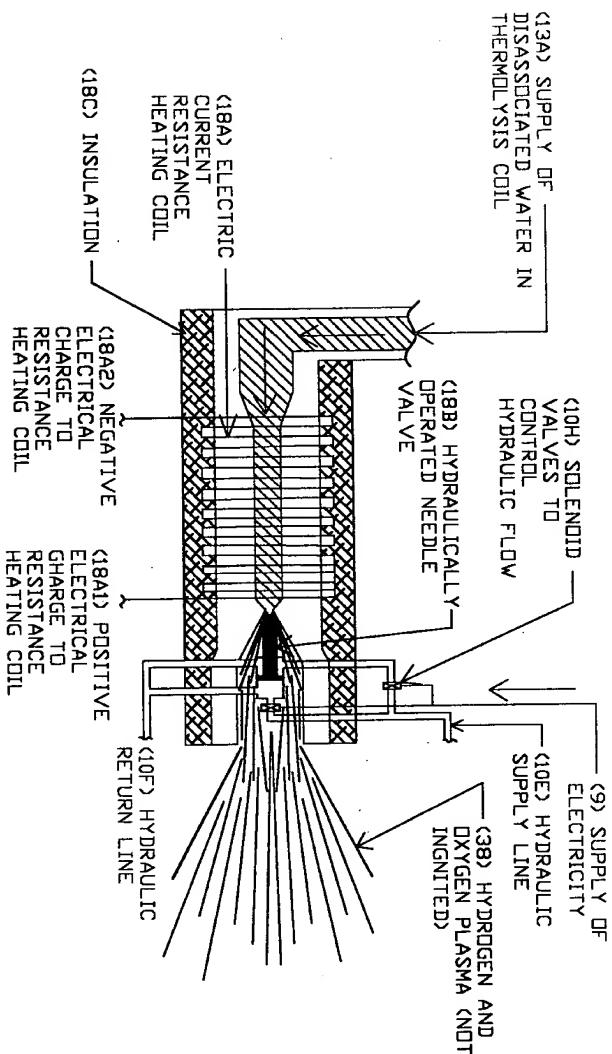


FIGURE 6A, HYDROGEN/OXYGEN PRODUCTION NOZZLE AND HYDROGEN AND OXYGEN PRODUCTION CYLINDER USING MASER AND/OR LASER HEATING

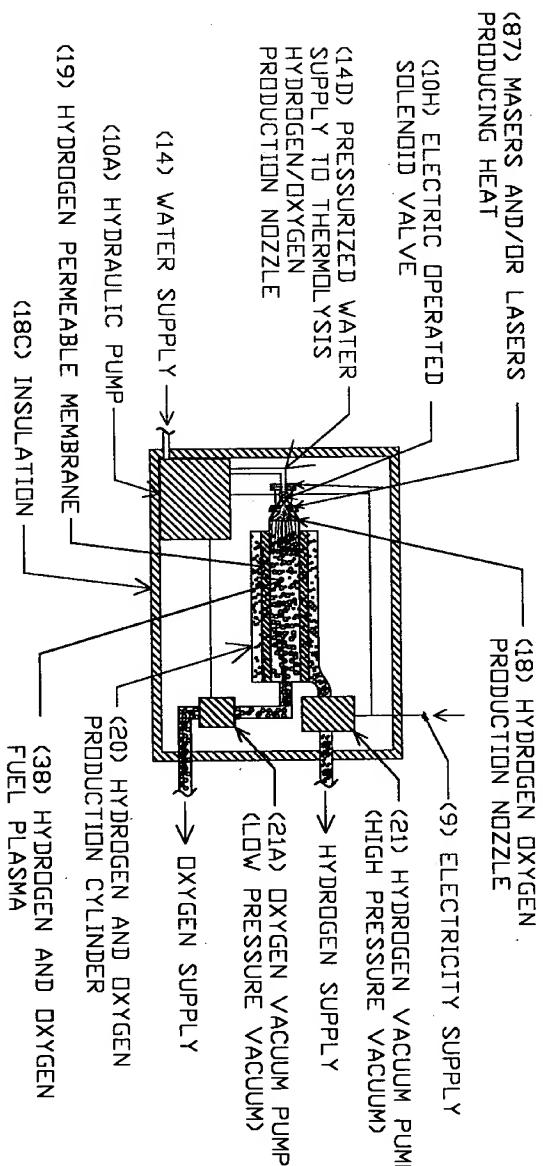


FIGURE 7. DETAIL OF APPARATUS FOR MULTIPLICATION OF HYDRAULIC FORCE

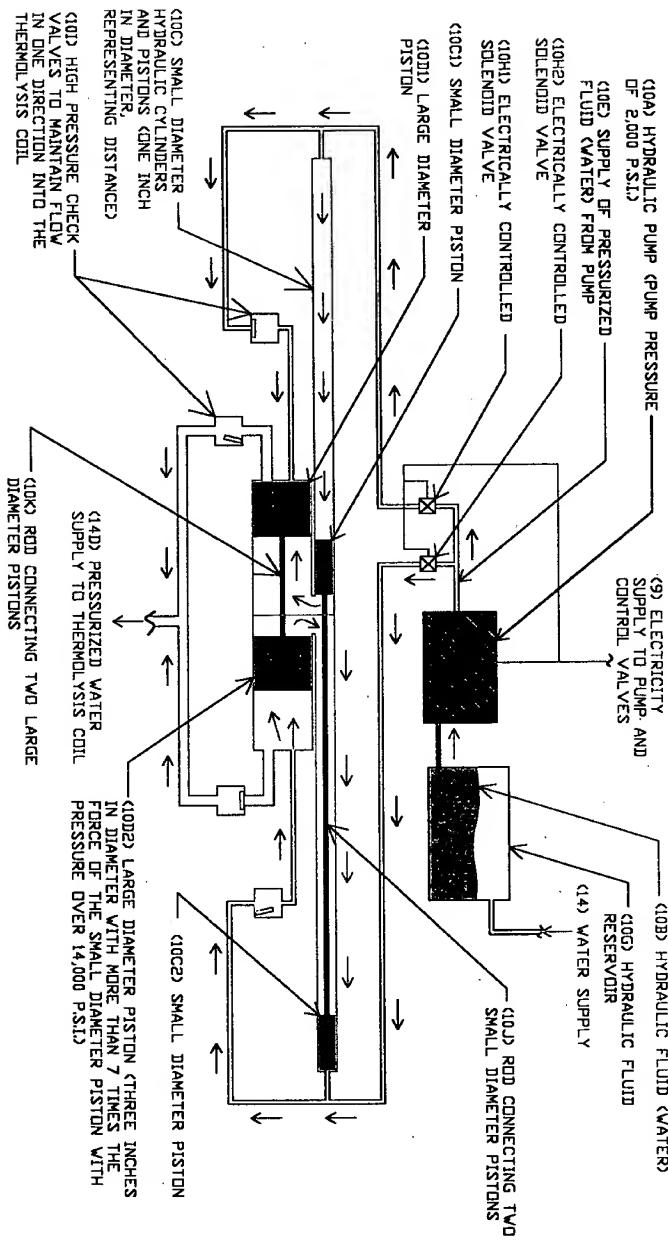
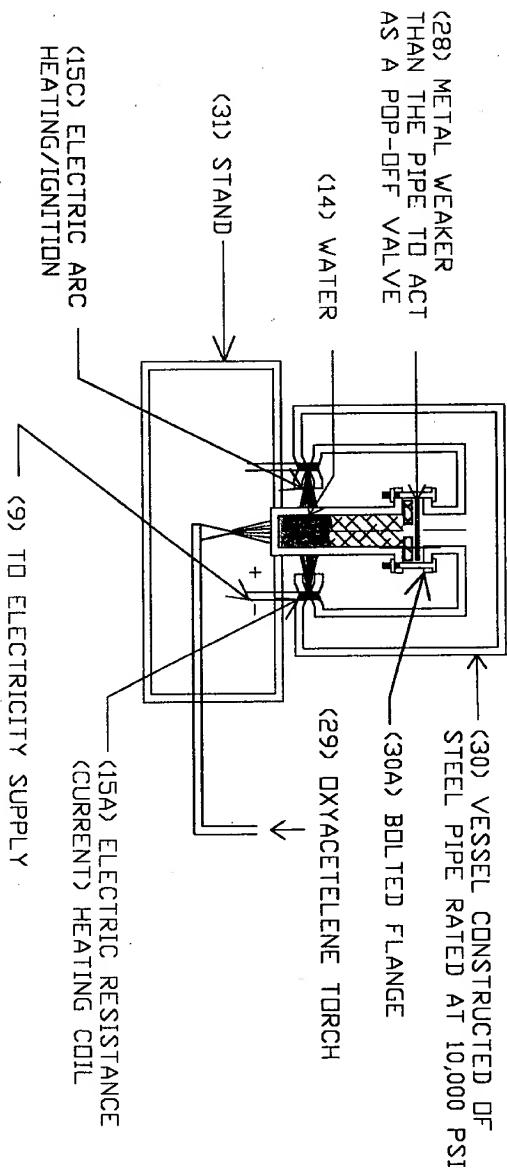


FIGURE 8. TEST UNIT TO PROVE THE CONCEPT OF THE INVENTION OF THE HYDROGEN THERMOLYSIS REACTOR



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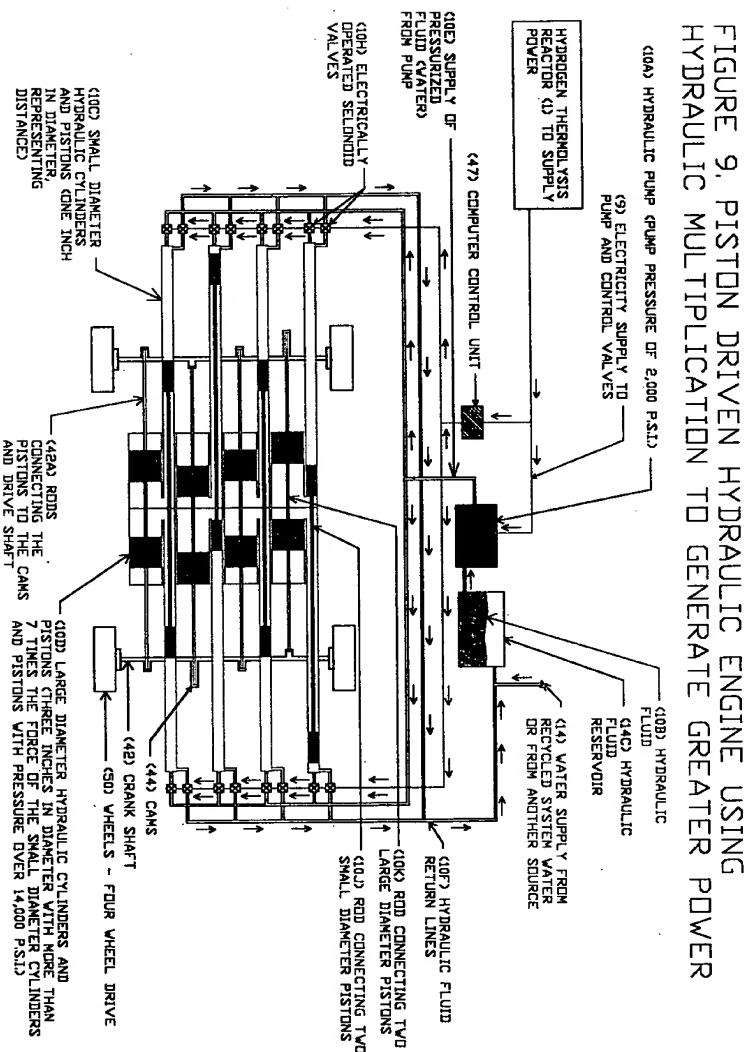


FIGURE 10. HYDROGEN THERMOLYSIS REACTOR POWERED  
STEAM ENGINE USING MULTIPLICATION OF HYDRAULIC  
FORCE TO GENERATE GREATER POWER

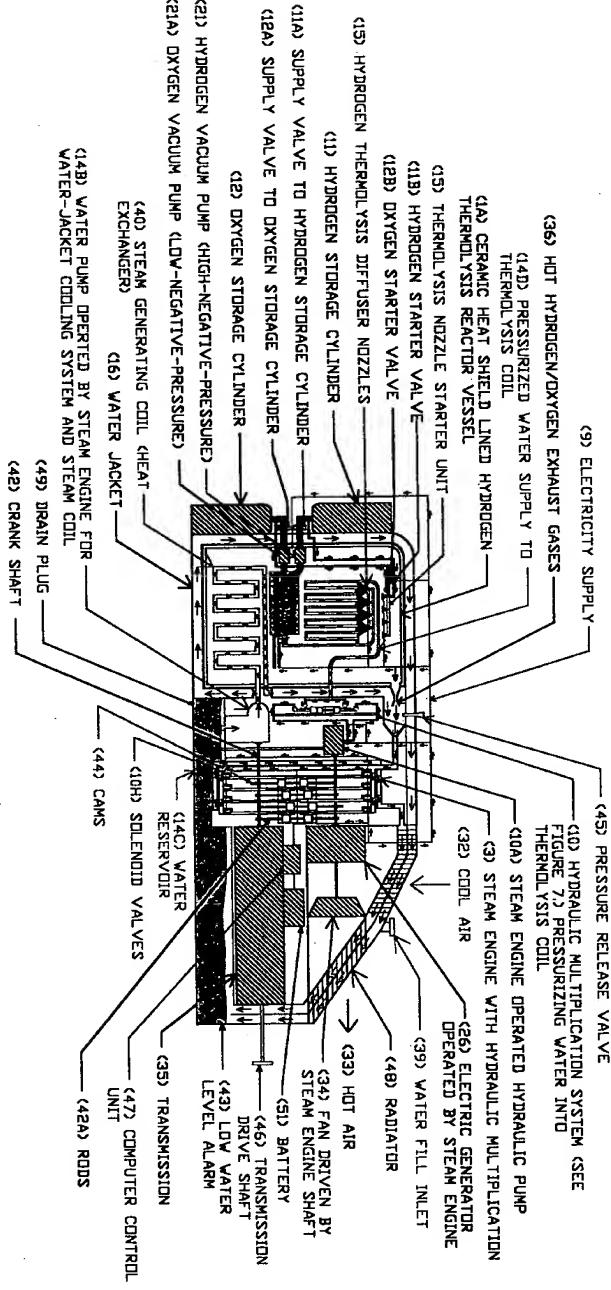


FIGURE 11. HYDROGEN THERMOLYSIS REACTOR, FUEL CELL AND ELECTRIC DRIVE MOTOR VEHICLE POWER UNIT

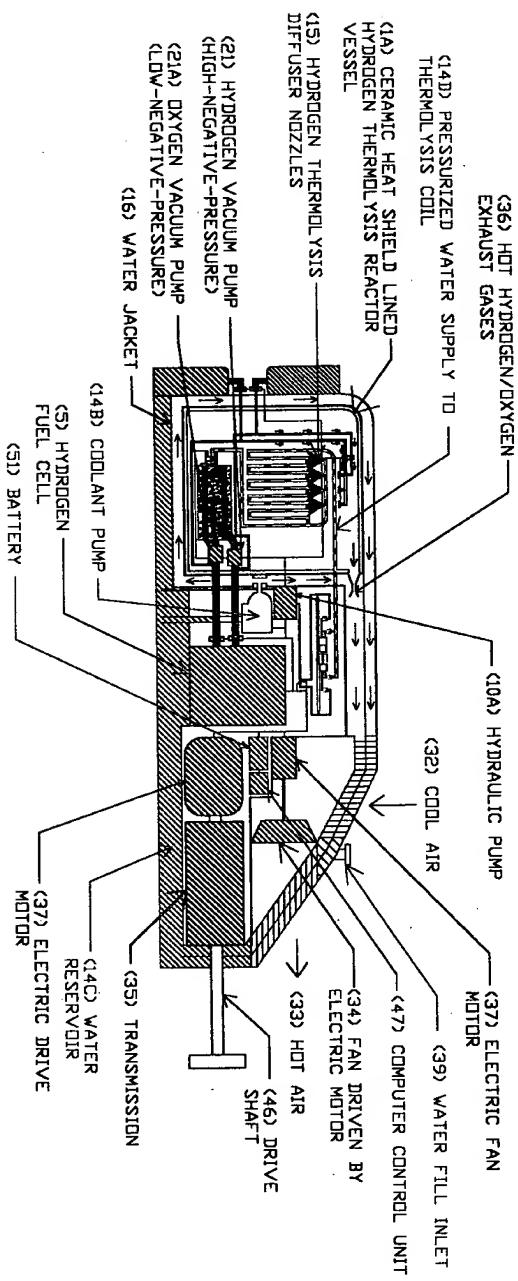


FIGURE 12. HYDROGEN THERMOLYSIS REACTOR COMBUSTION ENGINE VEHICLE POWER UNIT

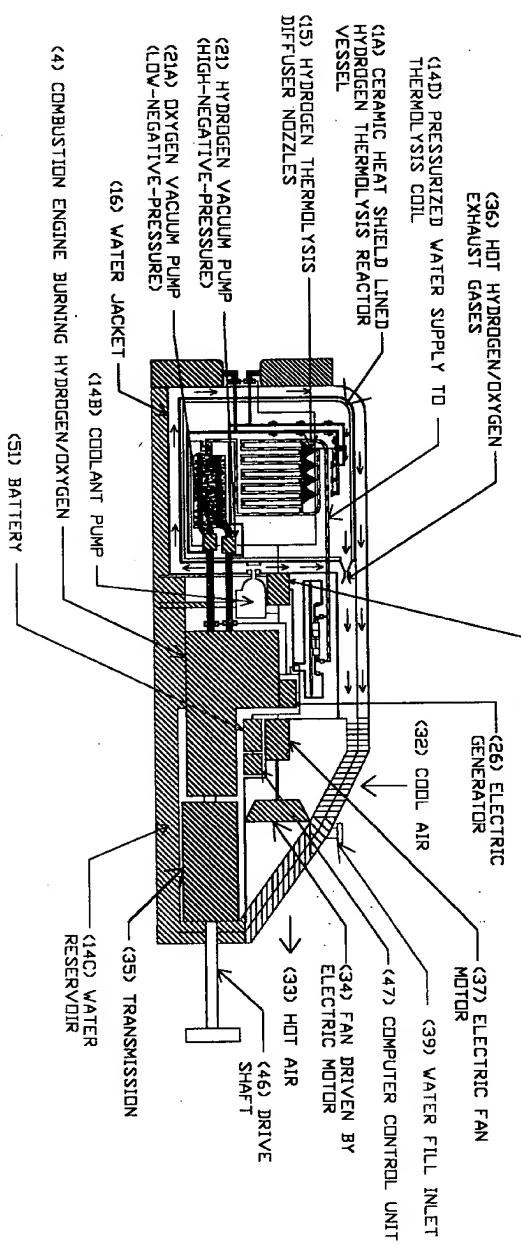


FIGURE 13. HYDROGEN THERMOLYSIS REACTOR POWERED JET PROPULSION ENGINE AIRPLANE AND/OR ROCKET SHIP WITH LIFE SUPPORT SYSTEM

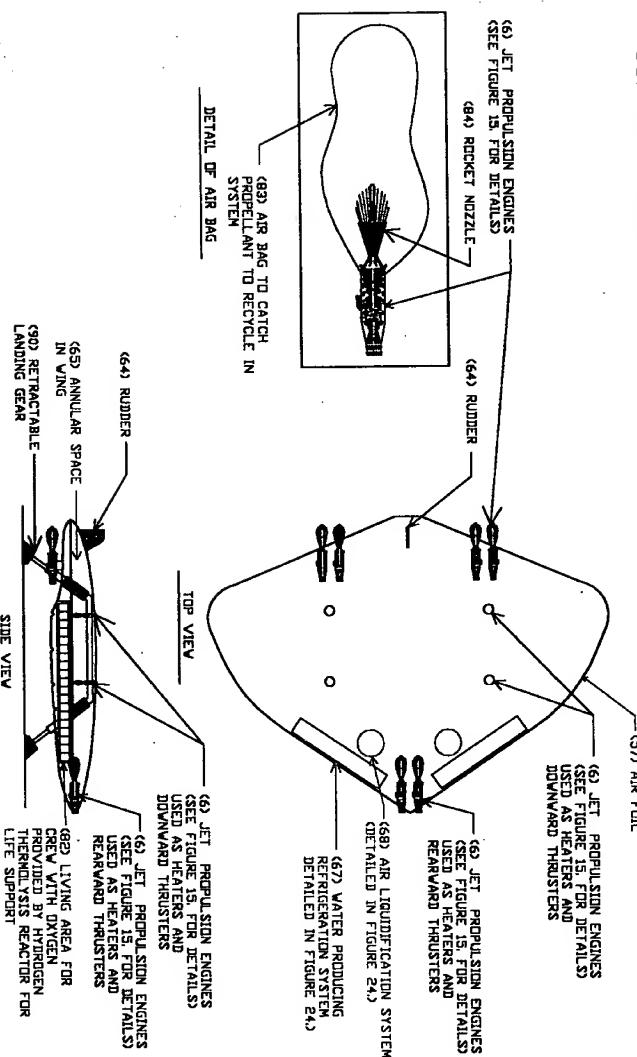


FIGURE 14. HYDROGEN THERMOLYSIS REACTOR POWERED BOAT WITH AIR-FOIL HEATERS FOR LIGHTER-THAN-AIR BOAT

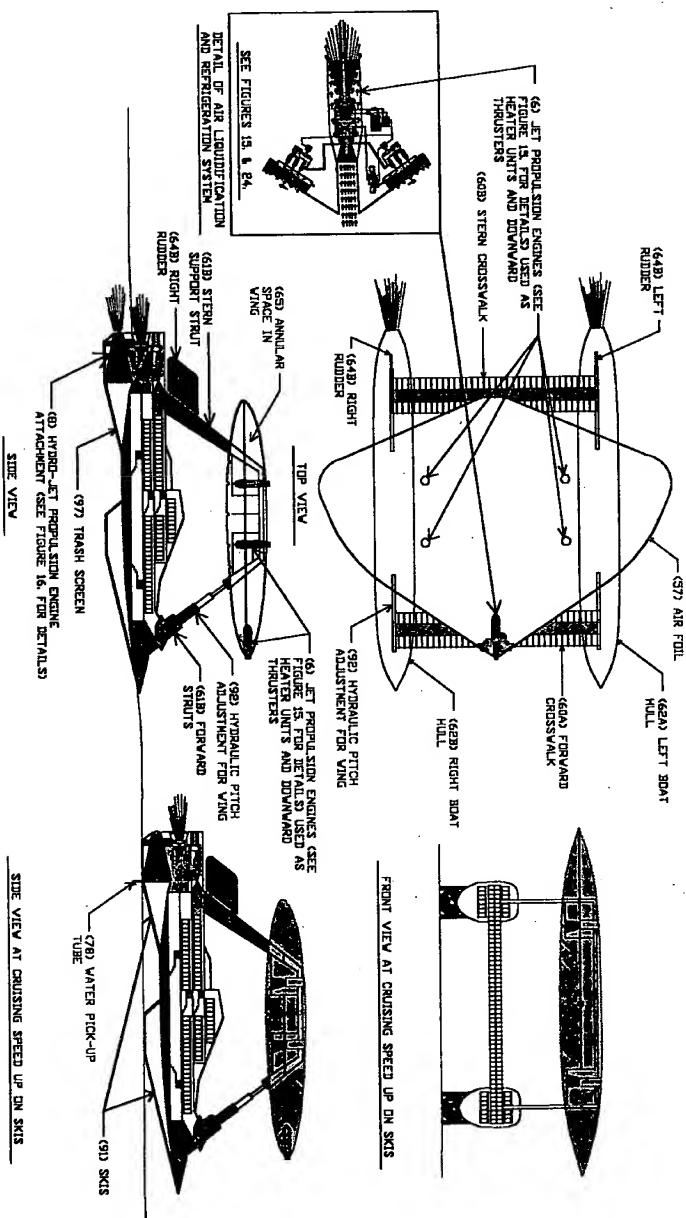


FIGURE 15. HYDROGEN THERMOLYSIS REACTOR  
POWERED JET PROPULSION ENGINE

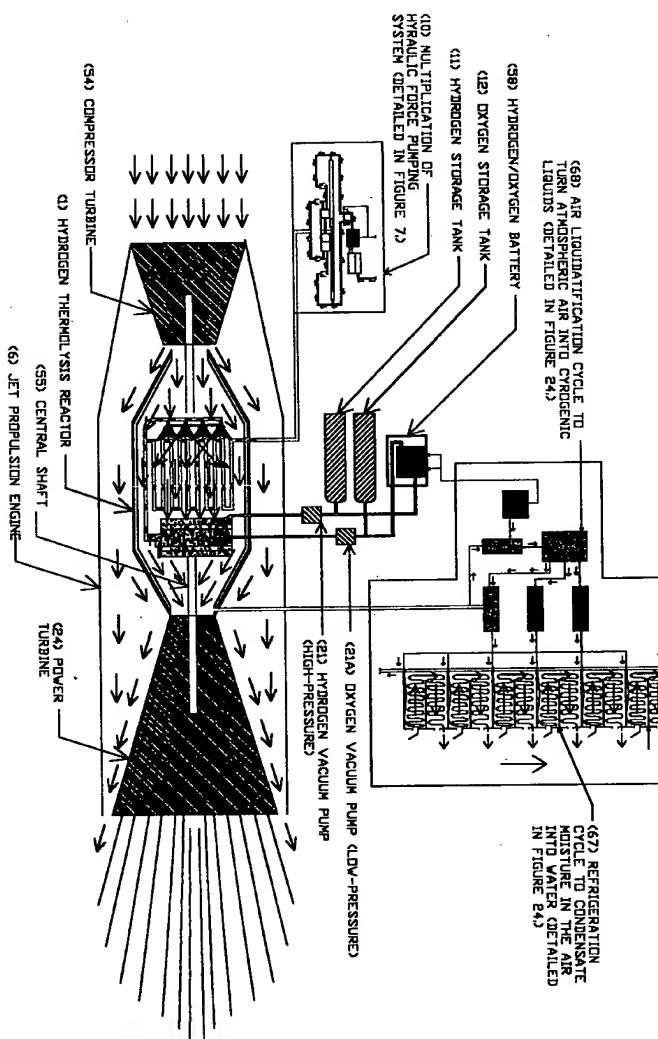


FIGURE 16. DETAIL OF HYDROGEN THEMOLYSIS REACTOR POWERED HYDRO-JET PROPULSION ENGINE ATTACHMENT

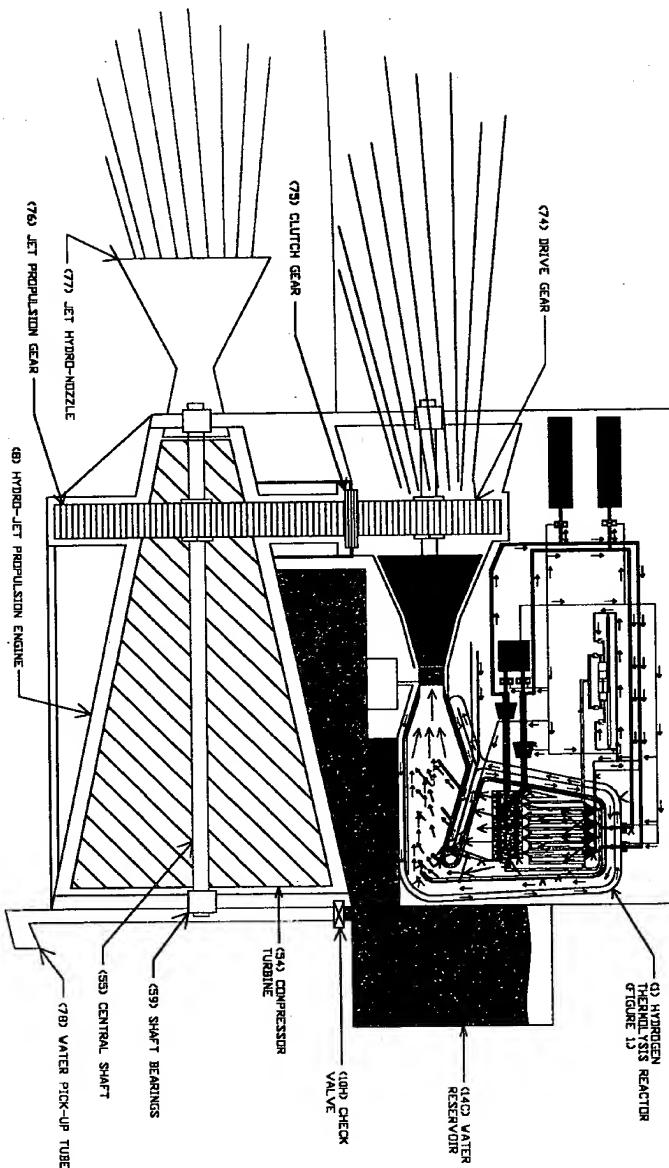


FIGURE 17. HYDROGEN BATTERY AND HYDROGEN/OXYGEN BATTERY

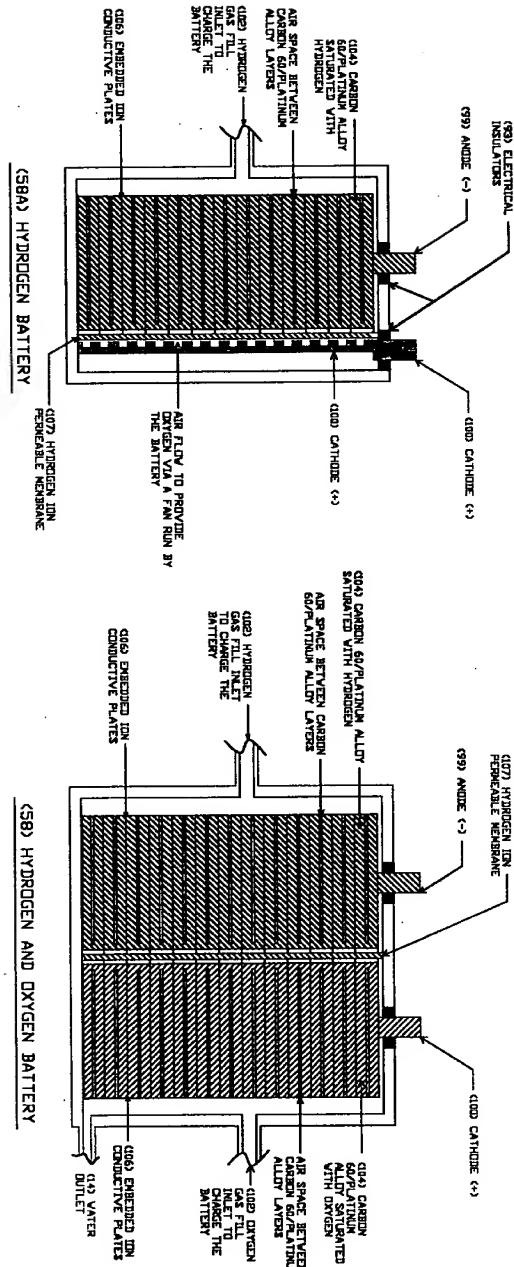


FIGURE 18. SUBMARINE WITH HYDROGEN THERMOLYSIS REACTOR HYDRO-JET PROPULSION UNIT AND LIFE SUPPORT SYSTEM

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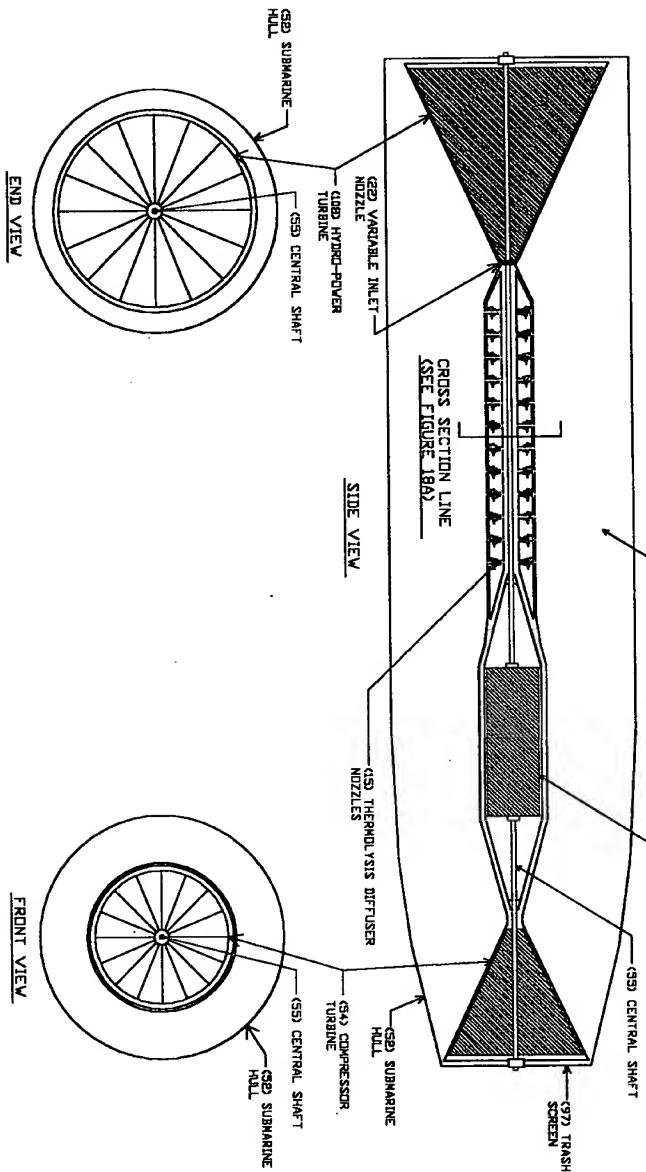


FIGURE 18A. CROSS SECTIONAL VIEW OF CENTER OF SUBMARINE WITH HYDROGEN THERMOLYSIS DIFFUSER NOZZLES AND STEAM TUBES

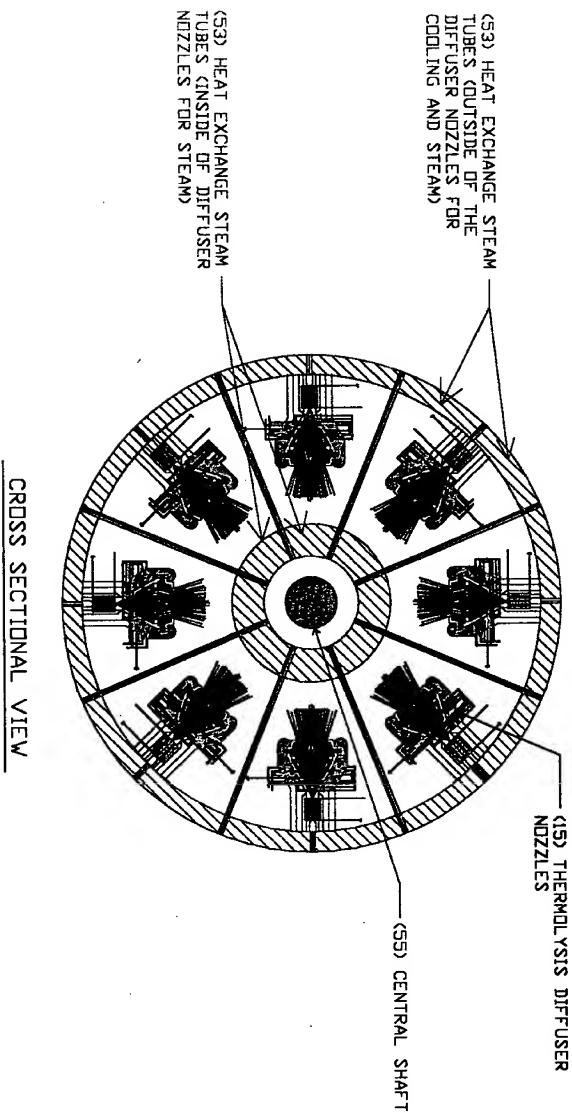


FIGURE 19. SUBMARINE POWERED BY HYDROGEN THERMOLYSIS REACTOR POWERED JET PROPULSION ENGINES USING A HYDRO-JET ATTACHMENT

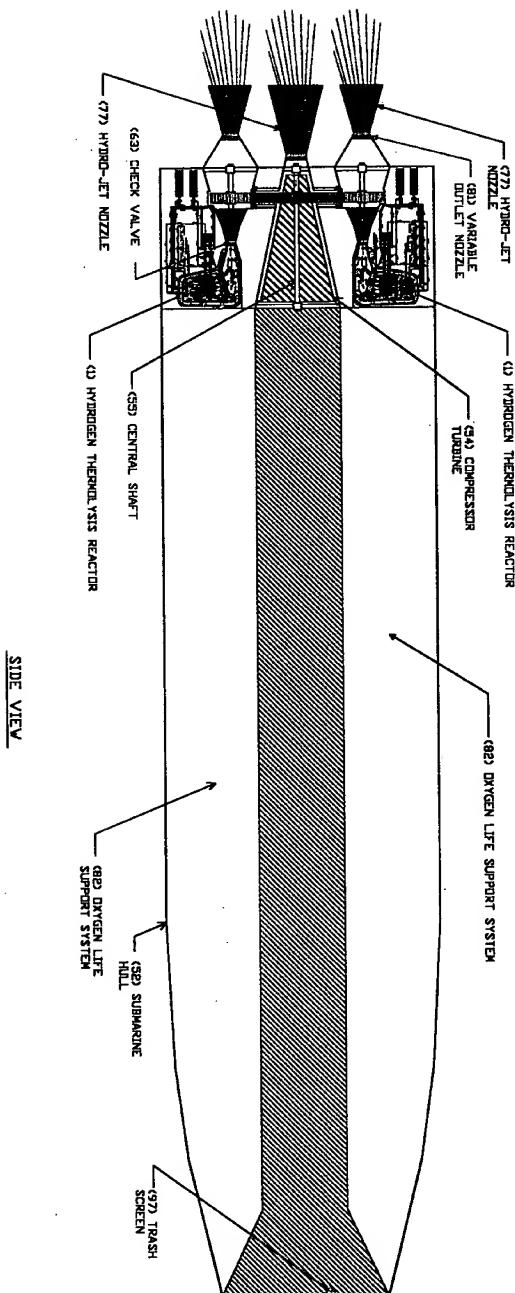


FIGURE 20. DETAIL OF HYDROGEN THERMOLYSIS REACTOR POWERED JET PROPULSION ENGINES AND HYDRO-JET ATTACHMENT

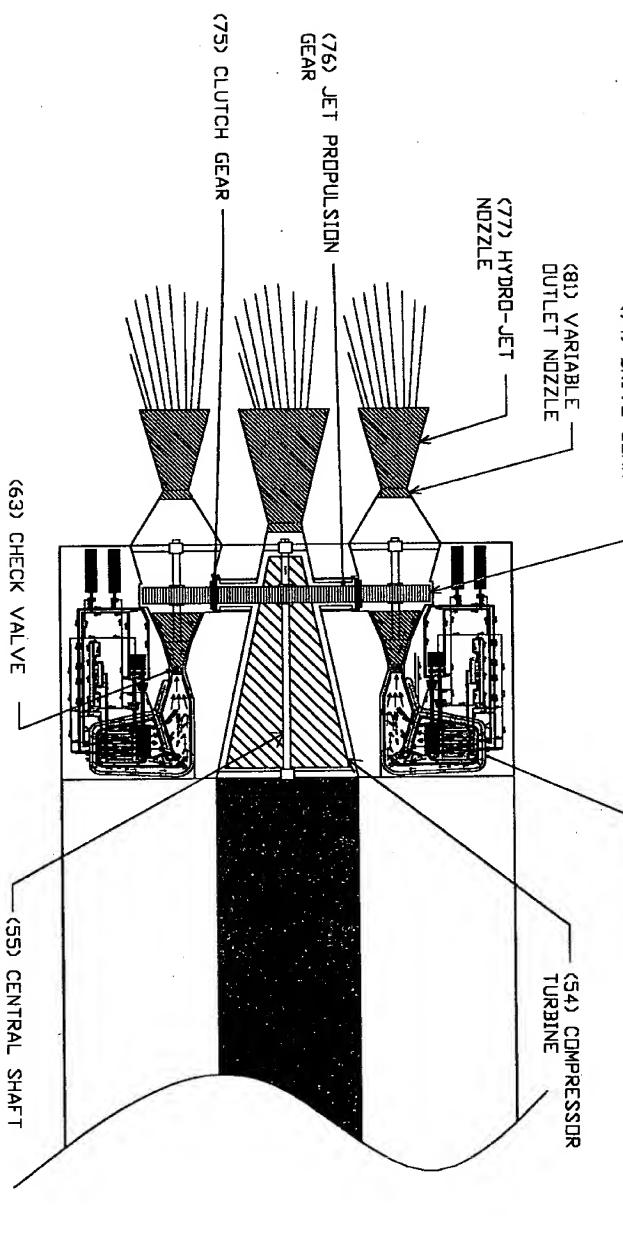


FIGURE 21. MINIATURE HYDROGEN THERMOLYSIS DIFFUSER NOZZLE USING MASERS AND LASERS FOR SPARK PLUG REPLACEMENT TO RETROFIT COMBUSTION ENGINES

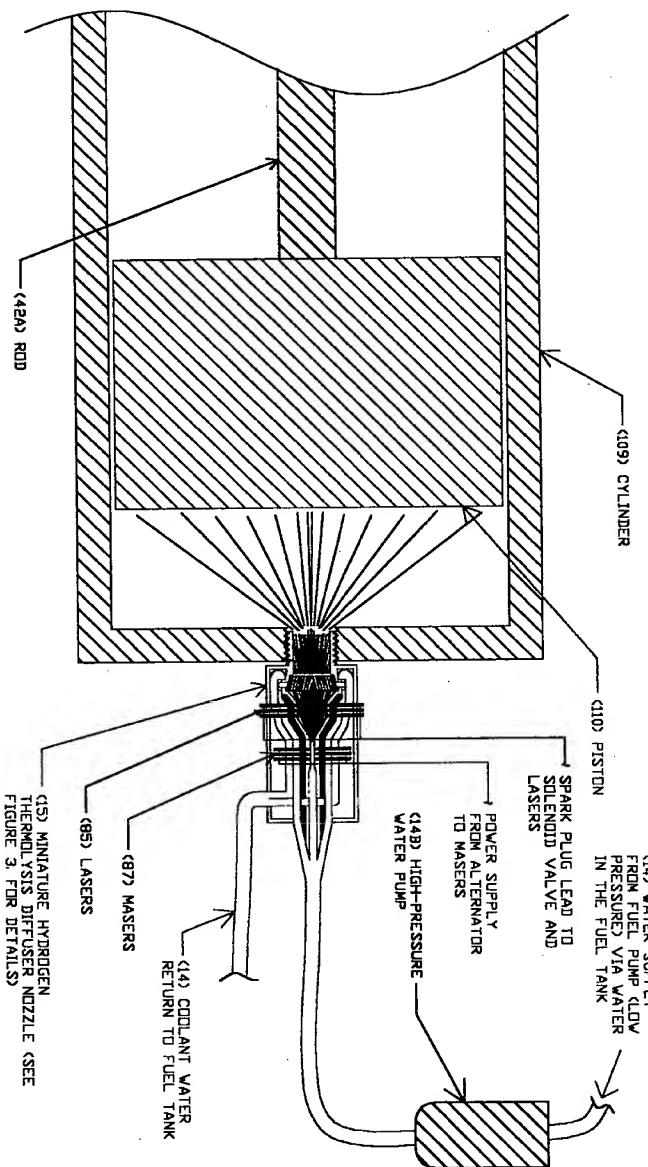
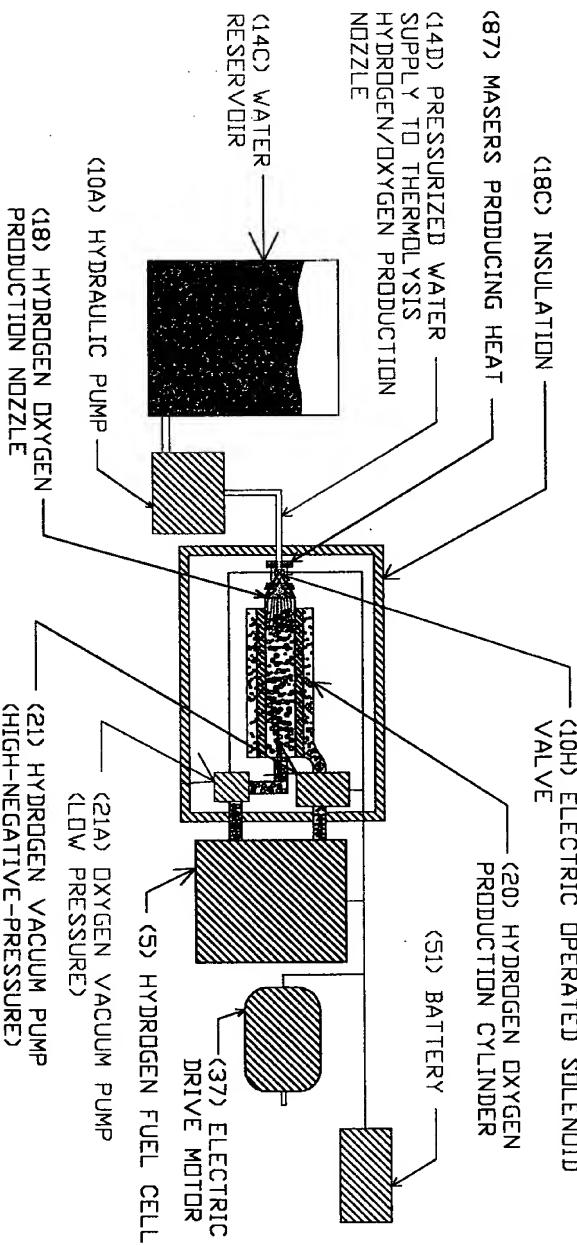


FIGURE 22. THERMOLYSIS HYDROGEN/OXYGEN PRODUCTION  
NOZZLE POWERED FUEL CELL



## FIGURE 23. HYDROGEN AND OXYGEN PRODUCTION NOZZLE POWERED HYDROGEN/OXYGEN BATTERY

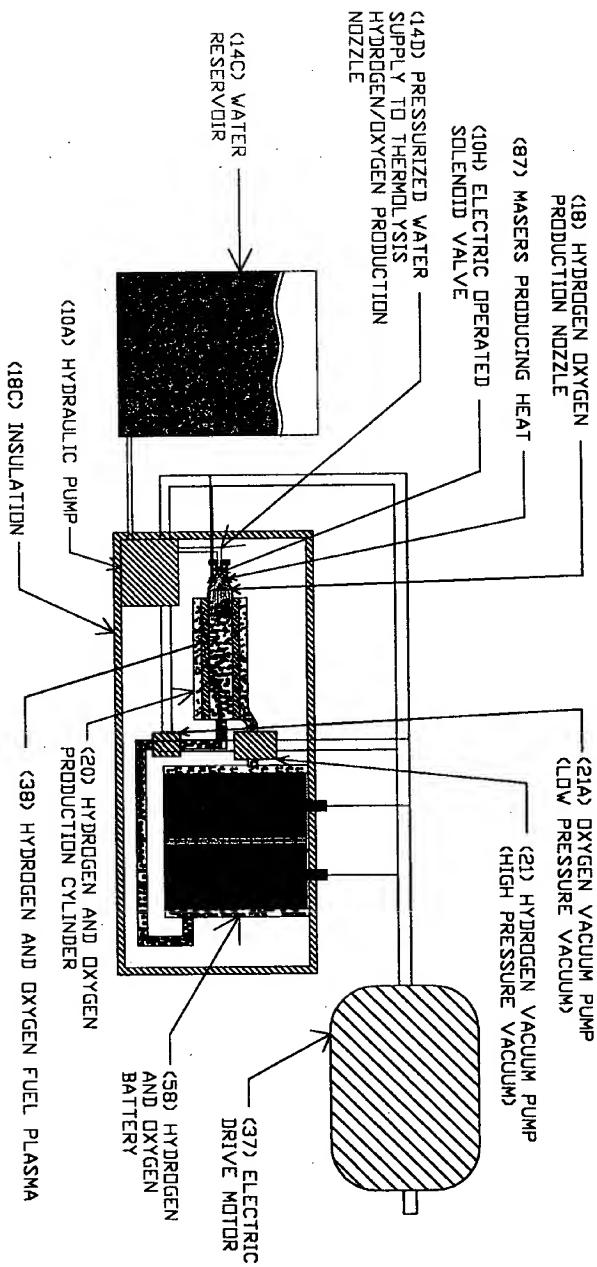


FIGURE 24. AIR LIQUIDIFICATION AND REFRIGERATION SYSTEM

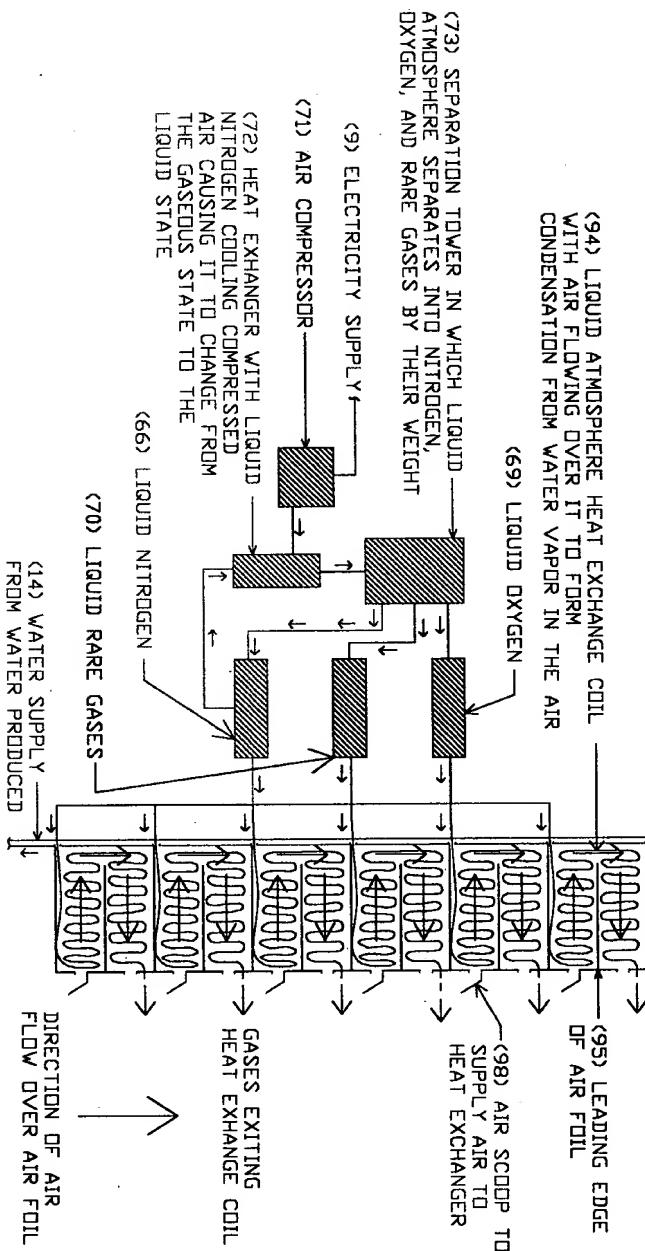


FIGURE 25. JET PROPULSION ENGINE POWERED PERSONAL TRANSPORT VEHICLE

